



Satellite image with enhanced low cloud-top temperatures (degrees C) for 7:15 a.m. EDT (NOAA)

### **Agricultural Weather Highlights - Tuesday - July 29, 2003**

- ***In the West***, showers associated with the monsoon (summer rainy season) continue from the ***Great Basin southward***, including parts of ***southern California***. In contrast, dry weather and record-breaking temperatures persist across the ***northern Rockies*** and the ***Northwest***, fostering additional wildfire activity, straining drought-reduced irrigation reserves, and severely stressing dryland crops.
- ***On the Plains***, isolated thunderstorms are developing in ***North Dakota*** along a cold front. In the front's wake, slightly cooler conditions are benefiting immature small grains on the ***northern High Plains***. Farther south, a second cold front is sparking scattered showers and marks the boundary between hot weather on the ***southern Plains*** and favorably cooler weather on the ***central Plains***.
- ***In the Corn Belt***, mild, dry weather favors corn and soybean development, although soil moisture shortages are becoming more pronounced in ***northern and western portions of the region***. The area of greatest concern, in part due to recent hot weather, is generally along, west, and south of the ***Missouri River***.
- ***In the South***, locally heavy thunderstorms linger across ***Florida***, while beneficial showers are spreading into the ***Tennessee Valley*** and ***northern Delta*** in advance of a cold front.

**Outlook:** A slow-moving front will trigger locally heavy showers across the ***southern Plains, Delta, and Southeast***, while dry weather is forecast to return to the ***Ohio Valley and Northeast***. Meanwhile, showers and thunderstorms will accompany a cold front crossing ***northern and central Plains and upper Midwest***. Farther west, hot, dry conditions will persist in ***northern portions of the Rockies and Great Basin***, while monsoon showers will continue in the ***Southwest***. The NWS 6-10 day outlook for August 3-7 calls for above-normal temperatures across the ***southern Plains and New England***, and from the ***Northwest to the upper Midwest***. Below-normal temperatures will be confined to parts of the ***Southeast***. Wetter-than-normal conditions are likely along the ***northern Atlantic Coast***, on the ***Ozark Plateau***, and across the ***northern Intermountain region***, while below-normal precipitation is forecast across the ***nation's northern tier from the Pacific Northwest to the Great Lakes States***.

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